IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Docket No. AUS920040064US1

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 PATENT TRADEMARK OFFICE



Sir:

Transmitted herewith for filing is the patent application of Inventor(s):

ROBERT TOD DIMPSEY FRANK ELIOT LEVINE ROBERT JOHN URQUHART

For: METHOD AND APPARATUS FOR HARDWARE ASSISTANCE FOR PREFETCHING **DATA**

Assignee Name:

International Business Machines Corporation

Assignee Residence:

Armonk, New York

Enclosed are also:

Pages of Specification including an Abstract $\frac{X}{X}$ $\frac{X}{X}$ 61

Pages of Claims (Claims 1 - 24)

Sheet(s) of formal drawings

A Declaration and Power of Attorney

CLAIMS AS FILED

FOR	Number Filed		Number Extra	•	Rate		Basic Fee (\$770)
Total Claims	24	-20 =	4	X	\$ 18	=	\$72
Independent Claims	4	-3 =	1	X	\$ 86	=	\$86
Multiple Dependent Claims	0			X	\$290	=	\$0
	Total Filing Fee				=	\$928	

Please charge \$928.00 to IBM Corporation, Deposit Account No. 09-0447.

The Commissioner is hereby authorized to charge payment of the following fees associated with the communication or credit any over payment to IBM Corporation, Deposit Account No. 09-0447. A duplicate copy of this sheet is enclosed.

Any additional filing fees required under 37 CFR § 1.16.

<u>X</u> Any patent application processing fees under 37 CFR § 1.17.

Respectfully,

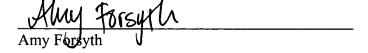
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CERTIFICATE OF MAILING BY "EXPRESS MAIL"

"Express Mail" mailing label number <u>EV333423274US</u>. Date of deposit <u>March 22</u>, <u>2004</u>. I hereby certify that the papers or fees listed below are being deposited with the United States Postal Service by "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.



ENCLOSED are the following documents, being sent by "Express Mail":

- 1. Transmittal Letter in duplicate;
- 2. Declaration and Power of Attorney;
- 3. Patent Application (61 pgs. spec. & abstract, 6 pgs. Claims 1 24);
- 4. 9 pages of formal drawings; and
- 5. Two return postcards.